



Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1572.1254	10/730,051
	FIRST NAMED INVENTOR	
	Hyung-bae LEE	
	FILING DATE	GROUP ART UNIT
	December 9, 2003	2673

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
MP	AG	6-19601A	01-28-1994	Japan		X	YES
MP	AH	CN2100686U	04-01-1992	China		X	NO
	AI						
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
MP	AM	First Office Action (the Patent Office of the People's Republic of China)	at least partial	

EXAMINER /Michael Pervan/	DATE CONSIDERED 12/01/2006
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Serial No.: (Unassigned)

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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Hyung-bae LEE	
		FILING DATE December 9, 2003	GROUP ART UNIT (Unassigned)

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
MP	AG	02-292615	4/12/90	Japan			Abstract	
MP	AH	2001-31242	4/16/01	Korea				X
MP	AI	2003-4340	1/14/03	Korea				X
MP	AJ	3026925	5/8/96	Korea				X
MP	AK	3023495	1/31/96	Korea				X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Hyung-bae LEE	
		FILING DATE December 9, 2003	GROUP ART UNIT 2673

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
MP	AD	03220611	9/27/91	Japan			Abstract only	
MP	AE	96-8491	3/22/96	Korea				X
MP	AF	94-27361	12/10/94	Korea				X
	AG							
	AH							
	AI							
	AJ							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							TRANSLATION YES NO	
	AK							

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INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Hyung-bae LEE	
		FILING DATE December 9, 2003	GROUP ART UNIT 2673

U.S. PATENT DOCUMENTS

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	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
MP	AG	9-258877	10-03-1997	Japan		X	Yes
MP	AH	62-229420	10-08-1987	Japan		X	Yes
	AI						
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
MP	AM	Office Action issued October, 5, 2005 by Korean Intellectual Property Office	partial	

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